

Jøtul FS 173- I 520

Jøtul FS 173 – I 520
Manual Version Po3

NO	- Monterings- og bruksanvisning	5
UK	- Installation and Operating Instructions	10
SE	- Monterings- och bruksanvisning	16
FR	- Manuel d'installation et d'utilisation	22
DE	- Montage- und Gebrauchsanweisungen	28
PL	- Instrukcja montażu i użytkowania	34



Registrer vedovnen innen tre (3) måneder etter kjøpet. Jøtul AS gir 5 års garanti på utvendig støpegods, 10 år ved registrering → jotul.com. Register your fireplace at jotul.com for a 10-year warranty → jotul.com. Registrera din eldstad på jotul.com så får du 10 års → jotul.com. Enregistrez votre poêle sur jotul.com pour bénéficier de la garantie 10 ans → jotul.com. Registrieren Sie Ihren Kamin bei jotul.com für eine 10-jährige Garantie → jotul.com.



Monterings- og bruksanvisningen må oppbevares under hele produktets levetid. These instructions must be kept for future references. Ce manuel doit être conservé pour de futures interventions. Wir empfehlen Ihnen, die Montage- und Bedienungsanleitung für spätere Zwecke sorgfältig aufzubewahren.

Meldeskjema og sjekkliste for montering av ildsted



Eiers navn		Tlf.	
Eiendommens adresse:			
Post nr.	Sted	Gnr.	Bnr.
Ildstedets navn og type:		Maks. effekt i kW	Brenseltype
Skorsteinstype (eks. tegl, element eller stålskorstein):			
Høyde fra røykinnføring til skorsteinstopp og innvendig diameter): _____ Meter Dia. Ø _____ mm		Antall ildsteder på skorsteinen: _____ Stk.	

Følgende punkter er sjekket under/etter installasjonen:

	OK	Ikke OK
Er ildstedet montert etter monteringsanvisningen?	<input type="checkbox"/>	<input type="checkbox"/>
Er størrelsen/avstand til brannmur i henhold til mont. anvisningen?	<input type="checkbox"/>	<input type="checkbox"/>
Er avstand til brennbart materiale kontrollert?	<input type="checkbox"/>	<input type="checkbox"/>
Er avstand til tak kontrollert?	<input type="checkbox"/>	<input type="checkbox"/>
Er underlagsplate/forplatens størrelse i henhold til mont. anvisningen?	<input type="checkbox"/>	<input type="checkbox"/>
Tåler gulvet vekten av ildsted med omramming?	<input type="checkbox"/>	<input type="checkbox"/>
Er røykinnføring/innmuringsstuss montert?	<input type="checkbox"/>	<input type="checkbox"/>
Er røykrøret montert med stigning fra ildsted mot skorstein?	<input type="checkbox"/>	<input type="checkbox"/>
Er ildstedet sikret tilstrekkelig tilførsel av forbrenningsluft?	<input type="checkbox"/>	<input type="checkbox"/>
Er det fjernet et ildsted?	<input type="checkbox"/>	<input type="checkbox"/>
Er tidligere hull i skorsteinen forskriftsmessig fjernet?	<input type="checkbox"/>	<input type="checkbox"/>
Er ildstedet prøvefyrt og fungerer tilfredsstillende?	<input type="checkbox"/>	<input type="checkbox"/>

Installasjonen er utført av: _____

_____ _____ _____
Sted Dato Eiers signatur

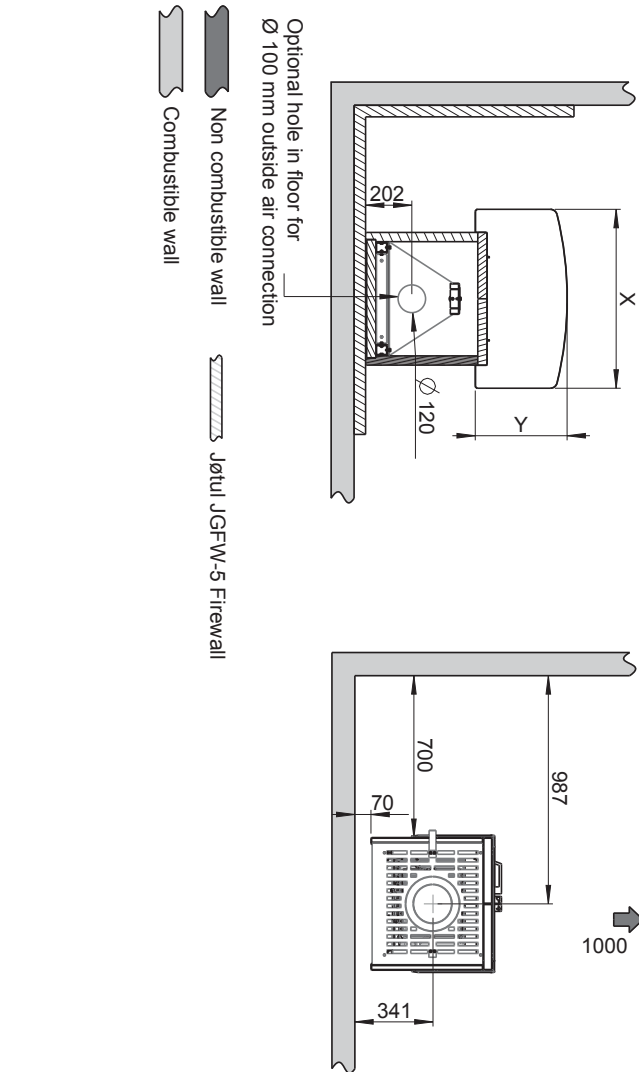
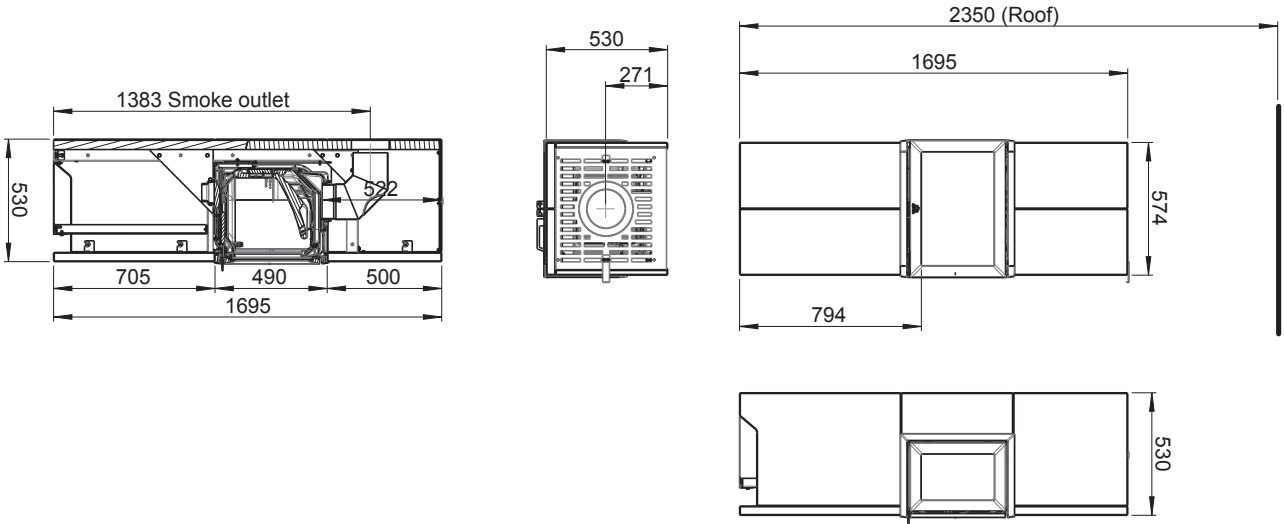
OBS! Husk at huseier plikter å melde fra til kommunen ved Brann og Feiervesen om at ildsted er montert i følge norsk regelverk

Sørg derfor at denne side blir utfylt og at en kopi sendes til det stedlige Brann og Feiervesen samt ta godt vare på originalen da denne er et verdipapir for boligen.

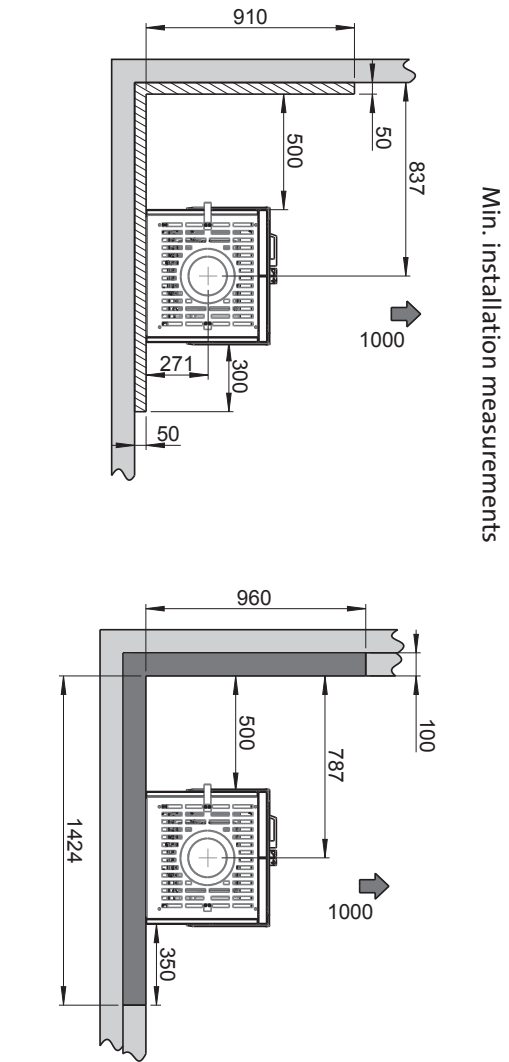
Dette er forutsetningen for at Jøtuls reklamasjonsrett (10 år på utvendige støpejernsdeler, 2 år på dørklass) er gjeldende.



Fig. 1



Floor plate measurement
X, Y - Acc. to national standards and regulations



Min. installation measurements

Contents

1.0	Relationship to the authorities	11
2.0	Technical data.....	11
3.0	Safety.....	12
4.0	Installation	13
5.0	Assembly	14
6.0	Installation completed.....	14
7.0	Opional extras	14
8.0	Recycling.....	14

1.0 Relationship to the authorities

The Jøtul FS 173 is a freestanding product using the Jøtul I 520 as the burn chamber, and can be positioned against combustible walls at the distances described in Fig. 1.

The installation of a fireplace must be carried out in compliance with national laws and regulations. All local ordinances must also be complied with when products are installed.

Contact your local building authorities regarding restrictions and installation requirements.

The product may not be used until it has been inspected and approved by qualified personnel.

The product has been tested and documented as a freestanding stove in accordance with EN 13240.

The approval label for the freestanding product comes with the installation instructions for the surround. Cut off the label and attach it outside the top rear plate.

2.0 Technical data for the burnchamber

Material:	Cast iron
Finish:	Black paint
Type of fuel:	Wood
Max. log length:	50 cm
Smoke outlet:	Top outlet or 45° rotated position for rear outlet.
Flue pipe dimension:	Ø150 mm/177 cm ² cross section
Weight approx.:	110 kg + 261 kg
Optional extras:	Floor plate NO, SE and DK, Floor plate DE, Adapter for outside air connection and Kit for Ø 80 fresh air intake tube.

Product dimensions, clearances See Fig. 1

Technical data in accordance with EN 13240

Nominal heat output:	7 kW
Efficiency:	77%
CO emissions (13% O ₂):	0.07%
CO emissions (13% O ₂):	884 mg/Nm ₃
OGC emissions (13% O ₂):	60 mg/Nm ₃
Dust emissions (13% O ₂):	14 mg/Nm ₃
Flue gas temperature:	305°C
Flue gas flow rate:	7.1 g/s
Chimney draught, EN 13229:	12 Pa
Recommended draught with smoke outlet:	16-18 Pa
Fuel consumption:	2.3 kg/h
Kindling quantity:	nominal 1.7 kg
Max. kindling:	3.4 kg each time and 3.8 kg/h
Operation:	Intermittent

Intermittent operation means normal use of a fireplace. This means that to refuel the fire, you add more wood as soon as the previous load of wood has burned down to embers.

Product: Jøtul Room heater fired by solid fuel				CE
Standard				
Minimum distance to adjacent combustible materials:				
Emission of CO in combustion products:				
Flue gas temperature:				
Nominal heat output:				
Efficiency:				
Operational range:				
Fuel type:				
Operational type:				
The appliance can be used in a shared flue.				
Country	Classification	Certificate/standard	Approved by	
Norway	klasse II			
Sweden	svk.	SP	SP Sveriges Provnings- och Forskningsinstitut AB	
EUR	Intermittent	EN	SP-Swedish National Testing and Research Institute	
Follow user's instructions. Use only recommended fuels. Montage- und Bedienungsanleitung beachten. Verwenden Sie nur empfohlenen Brennstoffen. Respectez les consignes d'utilisation. Utilisez uniquement les combustibles recommandés.				
Serial no. Y-xxxx, Year: 200x				
Manufacturer: Jøtul AS POB 1441 N-1602 Fredrikstad Norway			221546	

On all our products there is a label indicating the serial number and year. Write this number in the place indicated in the installation instructions.

Always quote this serial number when contacting your retailer or Jøtul.

Serial no.

ENGLISH

The surround consists of the following parts (Fig. 2):

Part	Description	Qty
1	Guide pin Ø6X25	8 stk
2	Woodscrew Ø6x80 EZ	8 stk
3	Hex Cap Screw DIN933-M8x16-8.8 Zinc Plated	24 stk
4	Hex Flange Nut M6 DIN6923 8	4 stk
5	Distance sleeve	4 stk
6	Brakett front	1 stk
7	Bracket left side middle uprofile	1 stk
8	Profile side øvre uprofil	2 stk
9	Firewall FS 173	2 stk
10	Bracket for height adjustment	2 stk
11	Bracket right side middle uprofile	1 stk
12	screen plate part FS 173	1 stk
13	Height adjustment screw M8x54	1 stk
14	Bottom Plate	1 stk
15	Lower Anchoring Profile	1 stk
16	Upper Anchoring Profile	1 stk
17	Upper Binding Profile	1 stk
18	Top Upper Anchoring Profile	1 stk
19	Top Front Anchoring Profile	1 stk
20	Bracket front uprofile	2 stk
21	Steel plate back low	2 stk
22	Soapstone side upper R	1 stk
23	Soapstone front up	2 stk
24	Soapstone lower front	2 stk
25	Soapstone side low left	1 stk
26	Soapstone side lower right	1 stk
27	Soapstone side middle L/R	2 stk
28	Soapstone side upper L	1 stk
29	Sector valve pl compl FS 173	1 stk
30	Soapstone FS 173	1 stk
31	Steel support for soapstone	1 stk
35	Sector valve upper part	1 stk
36	Sector valve lower part	1 stk
Optional extras FS 173		
34	Floor Plate FS 73 74 NO-SE	1 stk
33	Floor Plate FS 73 74 DE	1 stk
32	Floor Plate Glass NO/SE/FI	1 stk

3.0 Safety

NB! To guarantee optimal performance and safety, Jøtul recommends that its stoves are fitted by a qualified installer (see www.jotul.com for a complete list of dealers).

Any modifications to the product may result in the product and safety features not functioning as intended. The same applies to the installation of accessories or optional extras not supplied by Jøtul. This may also be the case if parts that are essential to the functioning and safety of the fireplace have been disassembled or removed.

In all these cases, the manufacturer is not responsible or liable for the product and the right to make a complaint becomes null and void.

3.1 Fire Prevention Measures

There is a certain element of danger every time you use your fireplace. The following instructions must therefore be followed:

- The minimum safety distances when installing and using the fireplace are given in **fig. 1**.
- Ensure that furniture and other flammable materials are not too close to the fireplace. Flammable materials should not be placed within 1 metre of the fireplace.
- Allow the fire to burn out. Never extinguish the flames with water.
- The fireplace becomes hot when lit and may cause burns if touched.
- Only remove ash when the fireplace is cold. Ash can contain hot embers and should therefore be placed in a non-flammable container.
- Ash should be placed outdoors or be emptied in a place where it will not present a potential fire hazard

3.2 Floor

Foundation

Make sure that the foundation is strong enough to bear the weight of the fireplace (110 kg + 274 kg).

We recommend the removal of any flooring that is not attached to the foundation ("floating floors") beneath the installation.

Requirements for protection of wooden flooring beneath the fireplace

The product has integrated floor protection and may therefore be placed directly on a wooden floor.

Requirements for protection of combustible floors in front of the fireplace

The front plate must comply with national laws and regulations. Contact your local building authorities regarding restrictions and installation requirements.

For Norway: Minimum 300 mm in front of the door and width at least the same as the door.

3.3 Walls

Distance to walls made of combustible materials - see **Fig. 1 (Jøtul FS 173)**.

The fireplace may be used with a semi-insulated flue pipe provided the distances between the fireplace and walls made of combustible materials are as shown in **Fig. 1 (Jøtul FS 173)**.

NB: Make sure that furniture and other household items are not so close as to get dried up by the stove.

3.4 Ceiling

If the ceiling above the fireplace is made of a combustible material, the minimum distance between the fireplace and ceiling must be 650 mm. i.e. a minimum ceiling height of 2350 mm.

3.5 Air circulation

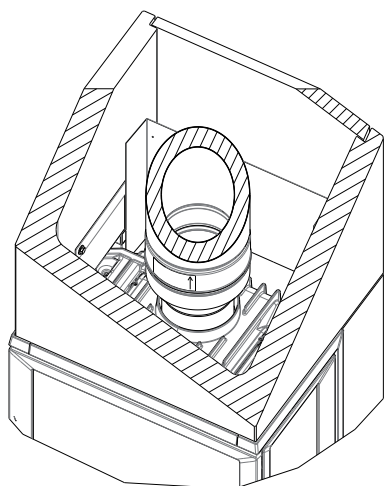
There must be a flow of air between the burn chamber and the surround. This is to ensure that any build-up of heat inside the surround is not too great. **NB:** It is extremely important not to cover air openings. See Fig. 1 for distances.

The amount of combustion air for Jøtul's products is approximately 25-40 m³/h.

3.7 Steel chimney

If a top-mounted steel chimney is used, a semi-insulated chimney must be installed all the way down to the insert.

Fig. 2



Then fit the steel chimney in accordance with the manufacturer's instructions.

- The insert must be connected to a chimney and flue pipe approved for solid fuel fireplaces with a flue gas temperature of 305°C.
- The cross-sectional area of the chimney must be at least that of the flue pipe. Ø 150 mm/177 cm² cross-sectional area.
- Several solid fuel products can be connected to the same chimney system if the cross-sectional area of the chimney is adequate. Contact your local building authorities regarding restrictions and installation requirements.
- The chimney must be connected in accordance with the installation instructions of the chimney supplier.
- Make sure that the flue pipe rises all the way up to the chimney.
- Please note that it is extremely important for connections to have a degree of flexibility.

The recommended chimney draught is 16 - 18 Pa.

4.0 Installation

NB: Before installing the fireplace, check it carefully for any signs of damage.

NB: The product is heavy! Ask someone to help you when positioning and installing it.

NB: Read the Installation and Operating Instructions for the Jøtul I 520 (Cat. no. 10046368) and Jøtul FS 173 (Cat. no. 10048557) carefully before installing the fireplace!

Use the acrylic sealant provided for all joints

4.1 Prior to installation

The basic product comes in two packages:

1. Burn chamber.
2. Soapstone units with mounting sections.

NB: Check the product for signs of damage when you unpack it.

Preparations

Before installation, it is necessary to decide:

- Where the smoke outlet is to be located.
- Possible use and location of external air supply.

Refer to manuals for installation of the parts.

Smoke outlet

Before starting installation work, decide whether a rear or top outlet will be used. The product is delivered from the factory with the smoke outlet positioned for a top outlet.

4.2 Preparations for the burnchamber (Jøtul I 520)

NB: Before installing the fireplace, check it carefully for any signs of damage. The product is heavy! Ask someone to help you when positioning and installing it.

Read the Installation and Operating Instructions for the Jøtul I 520 (Cat. no. 10046368).

5.0 Assembly

NB: The base must be leveled. Max. 1 mm/m tolerance. This is extremely important to ensure that the rest of the installation is correct.

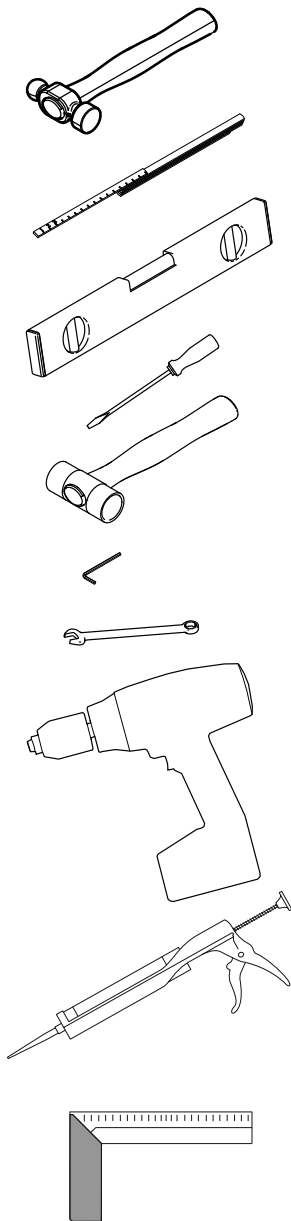
Important!

Please note that rough handling may damage the soapstones. The mounting brackets should be attached with care. Installation should be carried out by a qualified person.

Useful tools for installation.

Spirit level, Allen key, ruler, cap wrench, rubber mallet, hammer and screwdriver.

Fig. 5



6.0 Installation completed

Refer to the “Installation manual with technical data” for the Jøtul I 520 (Cat. no. 10046405) for use and maintenance of the product!

6.1 Maintenance

Maintenance work must only be performed when the fireplace is completely cold.

Soapstone: Scratches on the surface can be rubbed away using fine sandpaper. Deeper scratches in the stone can be filled using a paste made of powdered soapstone and water glass

7.0 Optional extras

Floor plate in front of the product

Cat. no. 51046301 (DE)

Cat. no. 51046302 (SE,NO)

Cat. no 50048608 Floor Plate Glass (NO/SE/FI)

Adapter for air supply and outside air connection.

Cat. no. 22046792 (DE)

Cat. no. 21046789

8.0 Recycling

8.1 Recycling the packaging

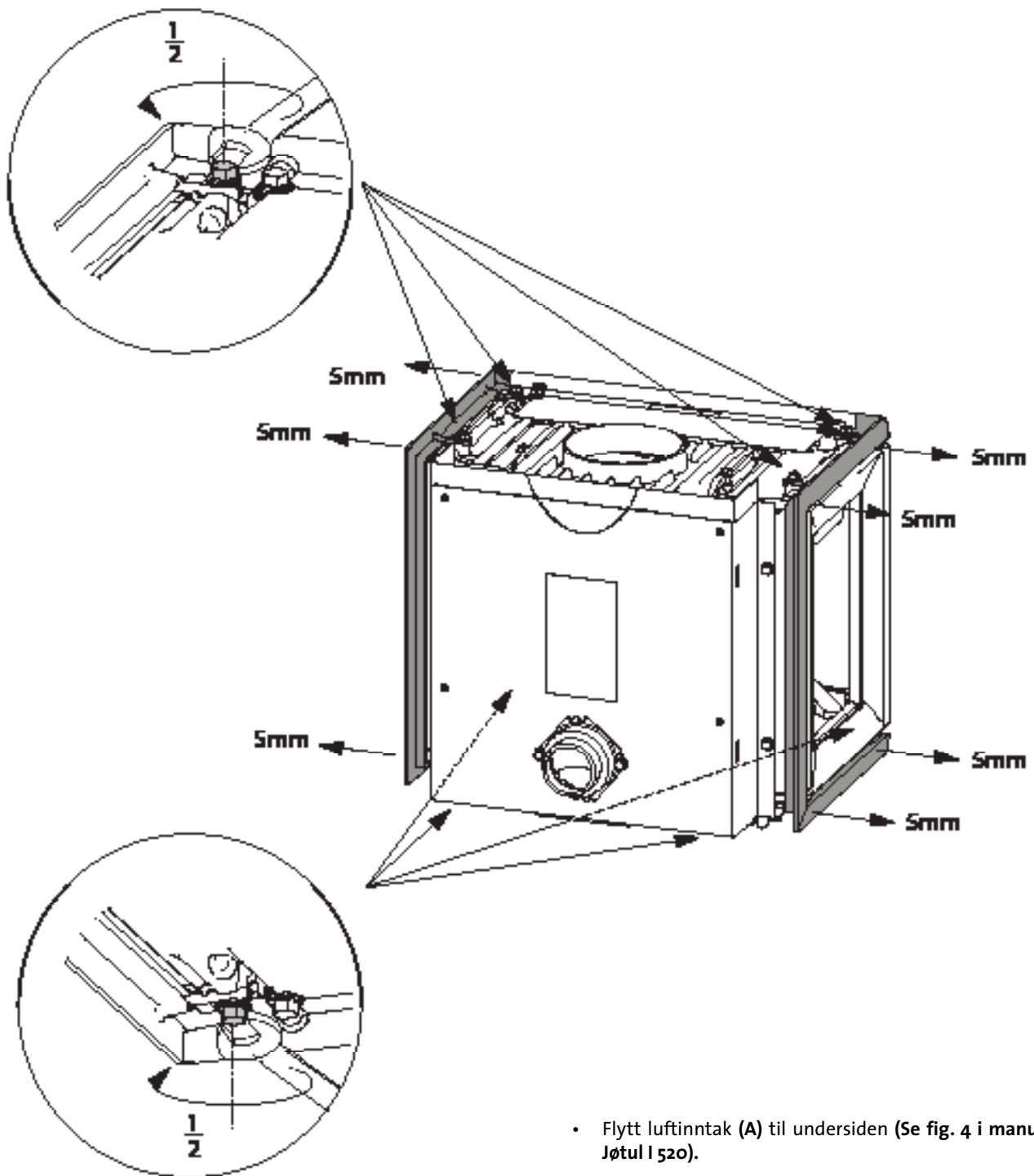
Your fireplace is delivered with the following packaging:

- A wooden pallet that can be cut up and burned in the fireplace.
- Cardboard packaging that should be taken to a local recycling facility.
- Plastic bags that should be taken to a local recycling facility.

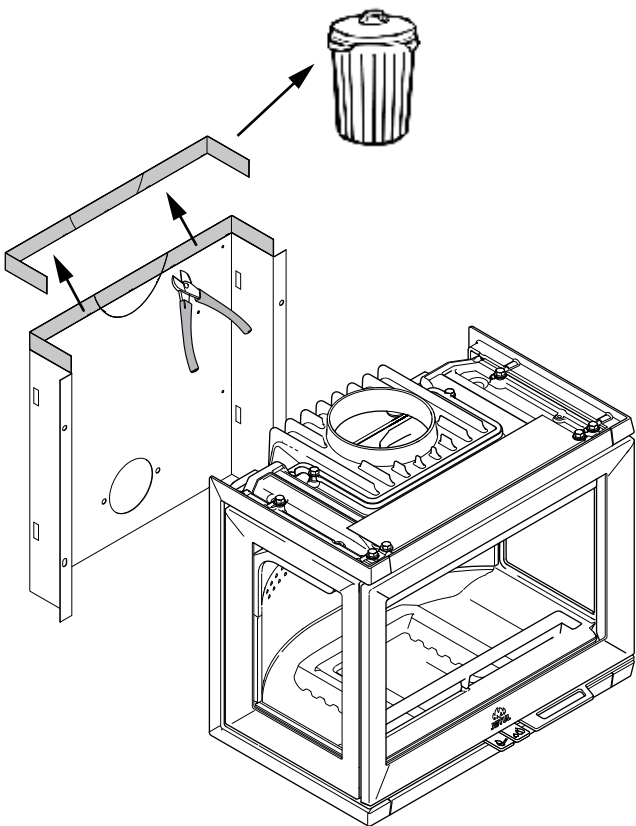
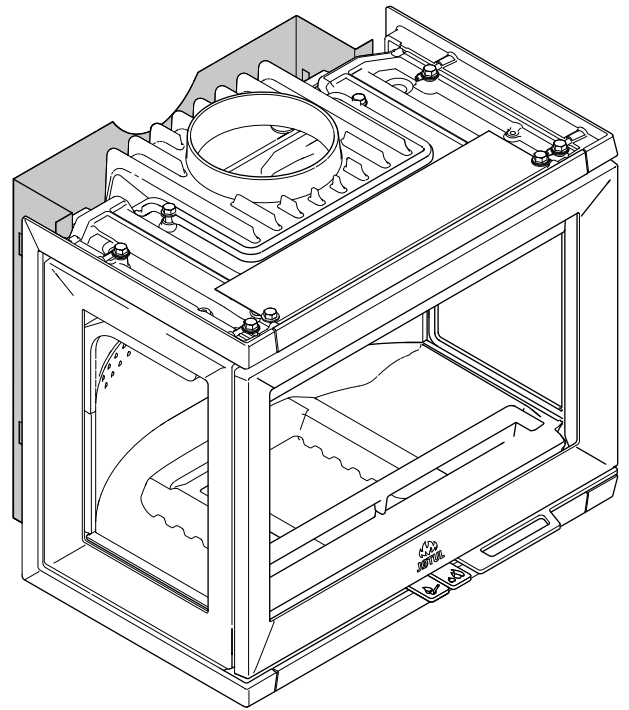
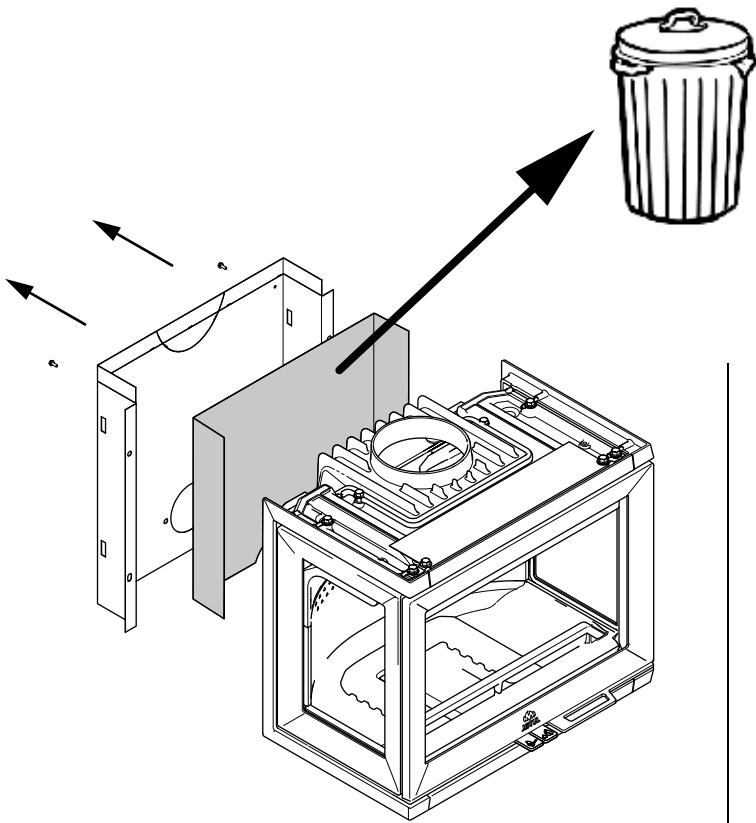
8.2 Recycling the fireplace

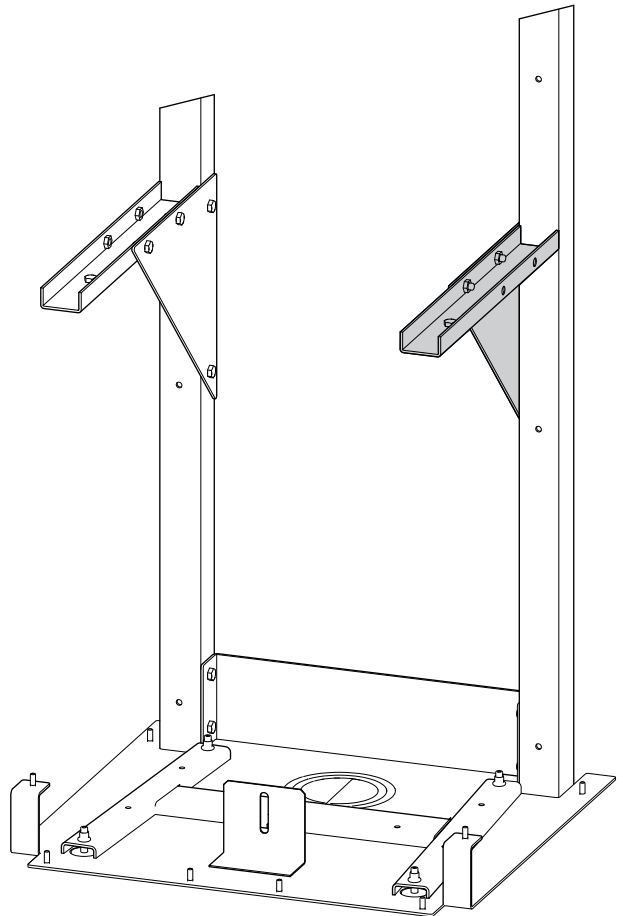
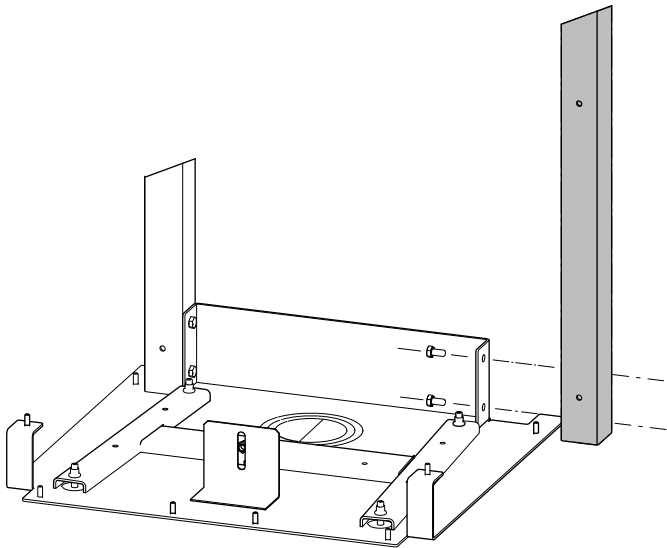
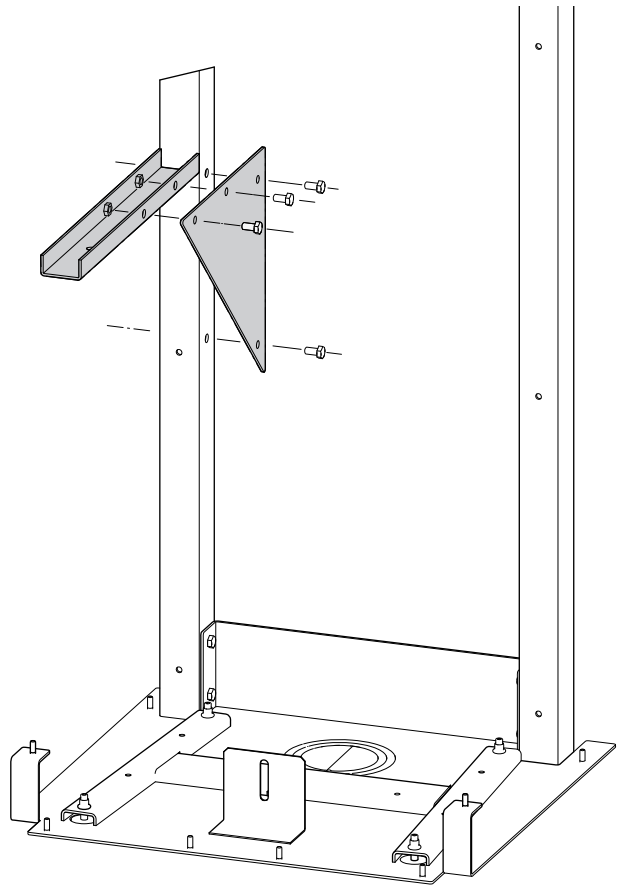
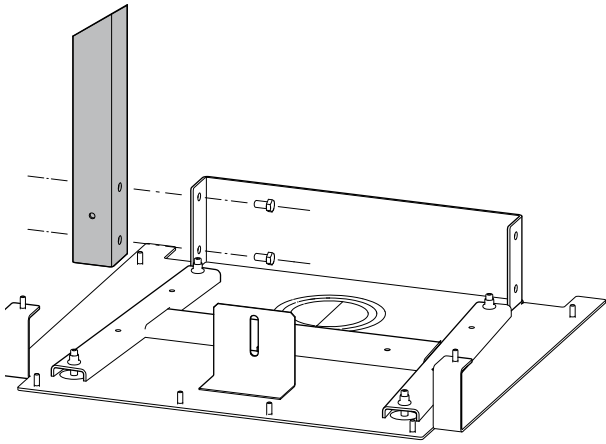
The fireplace is made of:

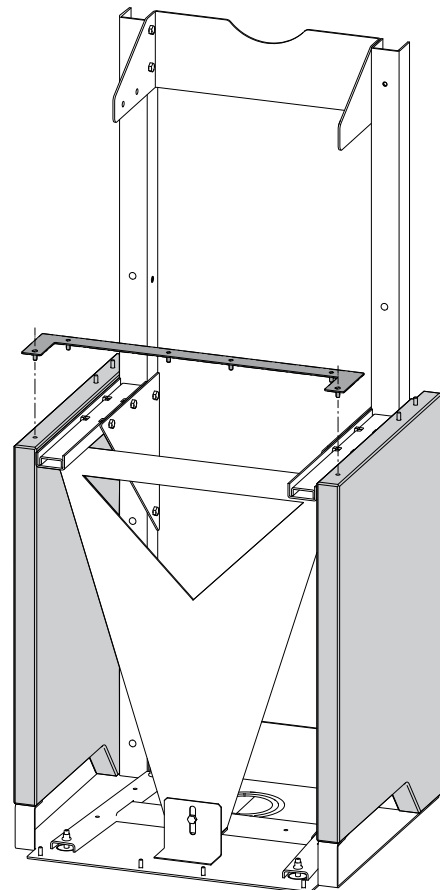
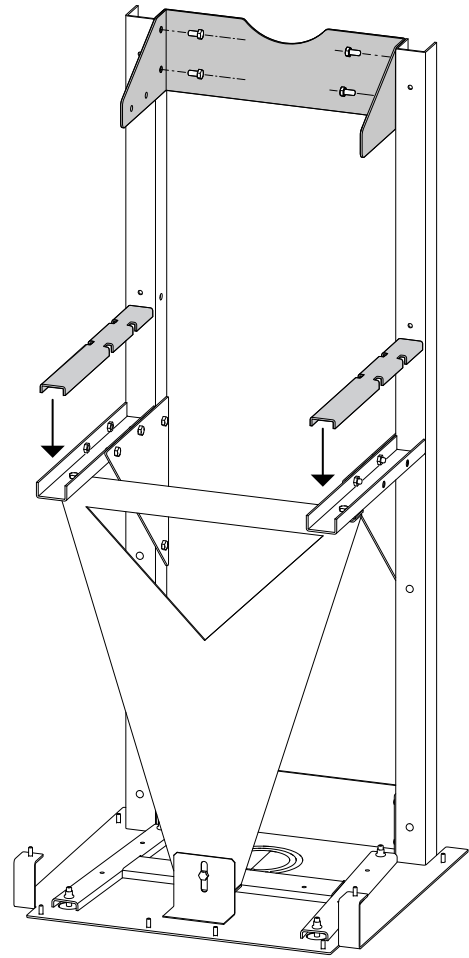
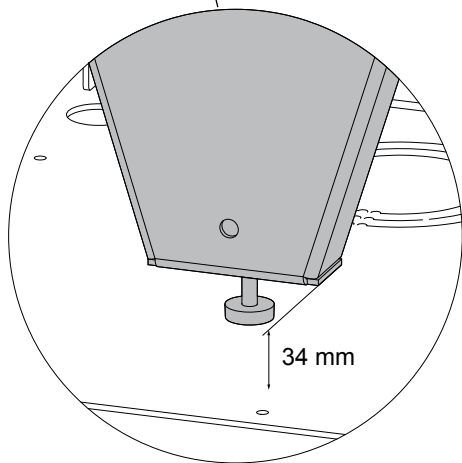
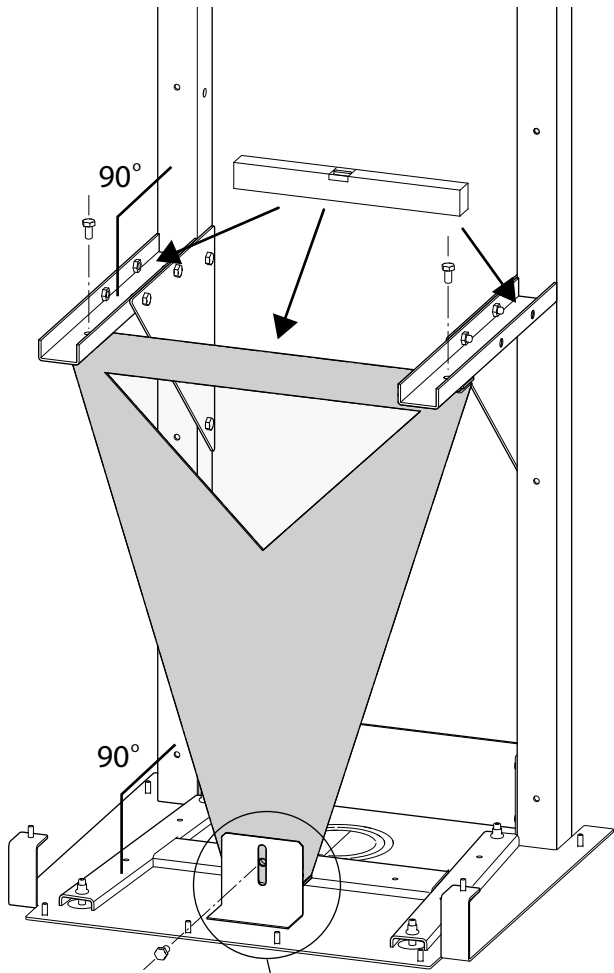
- Metal that should be taken to a local recycling facility.
- Glass that should be disposed of as hazardous waste. The glass in the fireplace must not be placed in a regular source segregation container.
- Vermiculite burn plates that can be disposed of in regular waste containers.

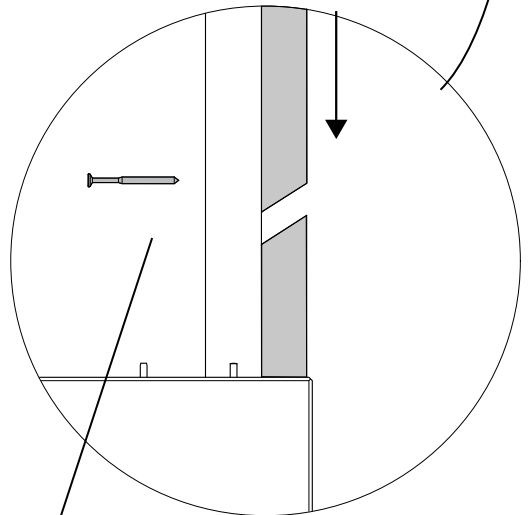
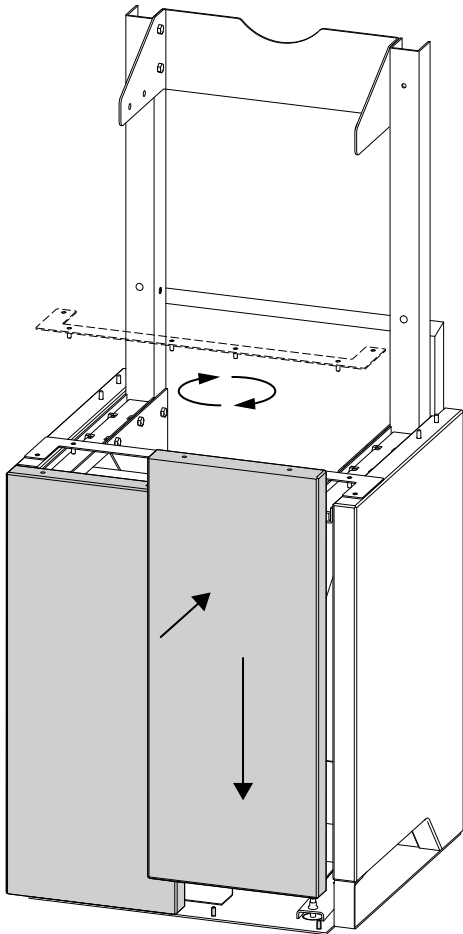
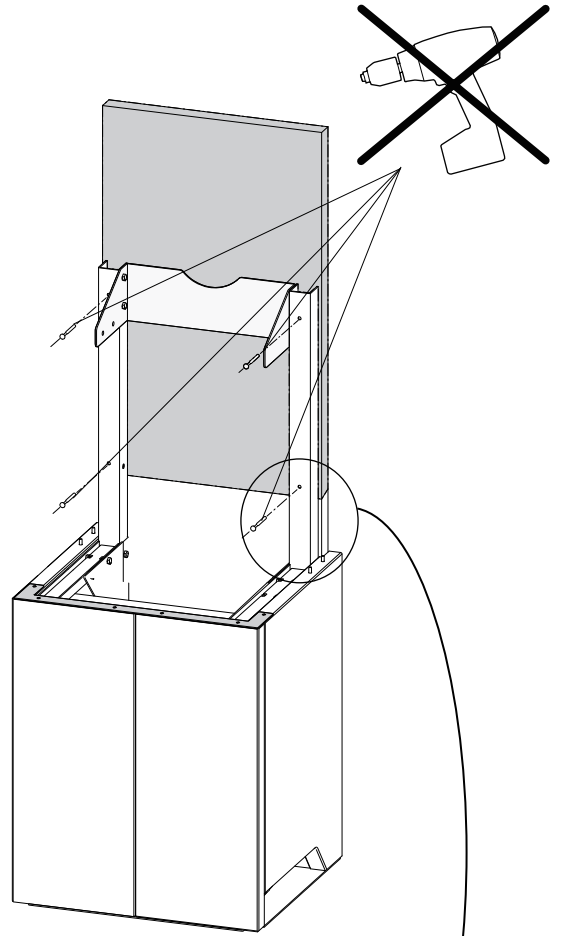
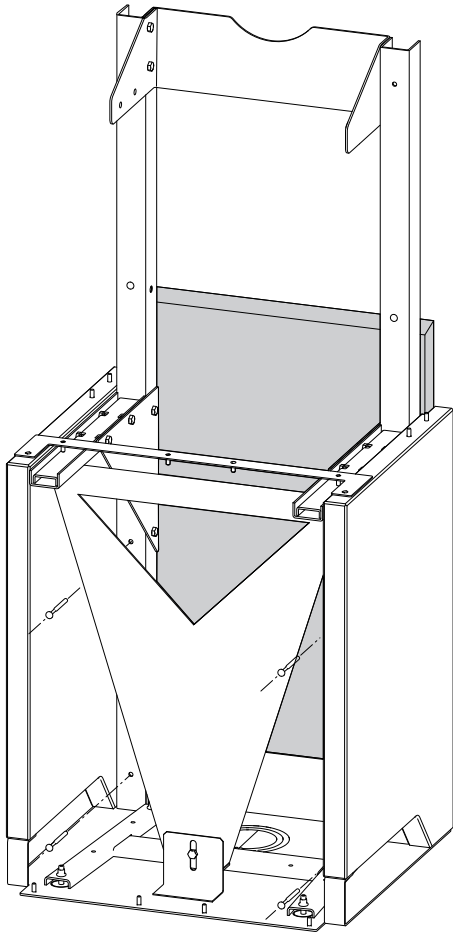


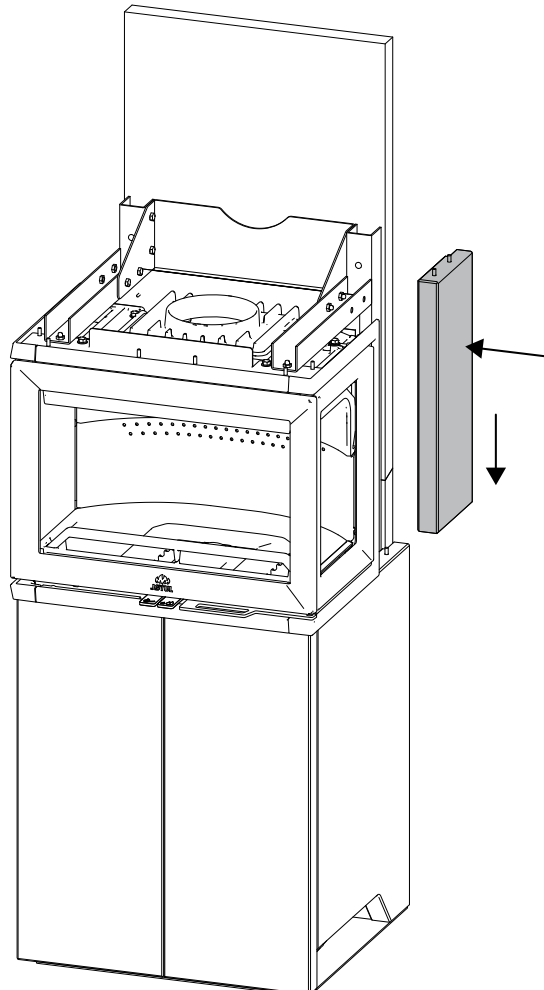
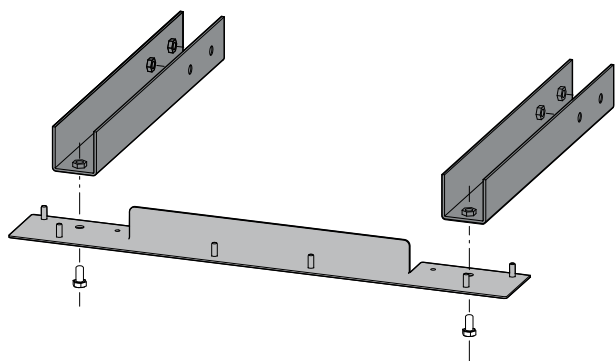
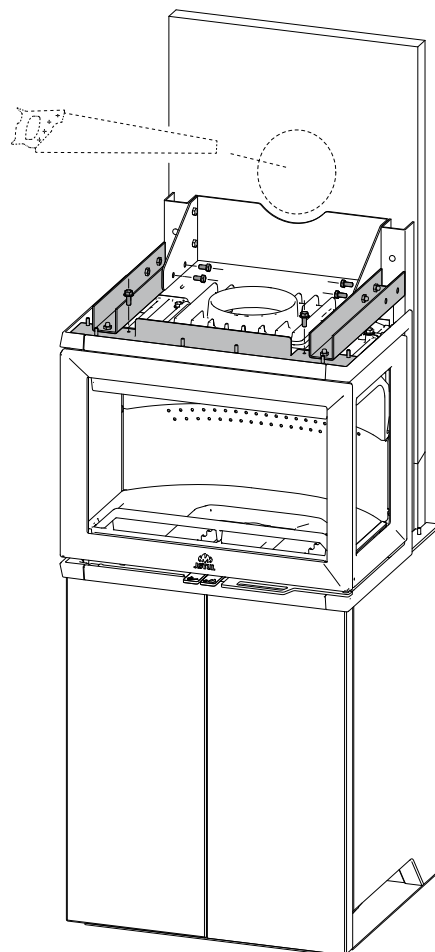
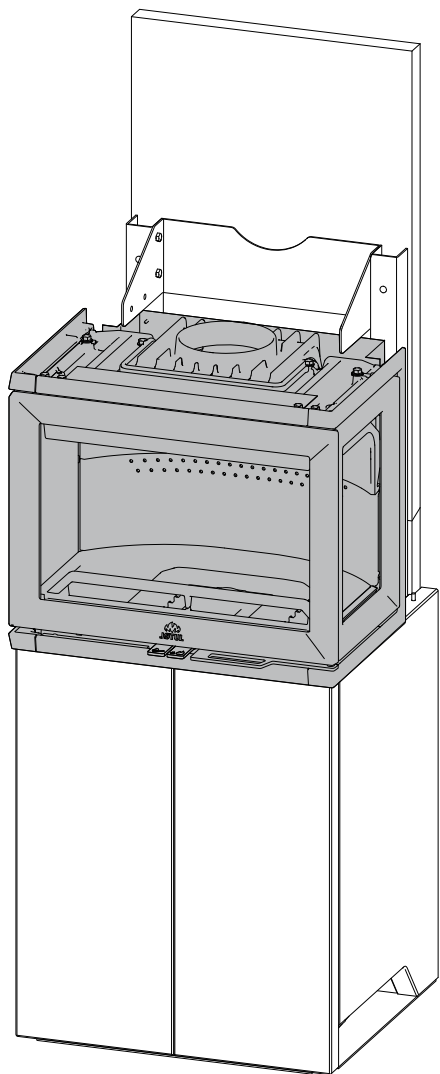
- Flytt luftinntak (A) til undersiden (Se fig. 4 i manualen for Jøtul I 520).
- Move the air intake (A) connector beneath the burn chamber (See Fig. 4 in the manual for Jøtul I 520).
- Flytta luftintag (A) til kaminens undersida (se bild 4 i bruksanvisning for Jøtul I 520).
- Déplacer la prise d'air (A) à la partine inférieure. (VOIR FIG. 4 DANS LE MANUEL POUR LE JØTUL I 520).
- Verplaats de luchttoeveraansluiting (B) aan de onderzijde (siehe Abb. 4 in der Montage- und Bedienungsanleitung für Jøtul I 520).

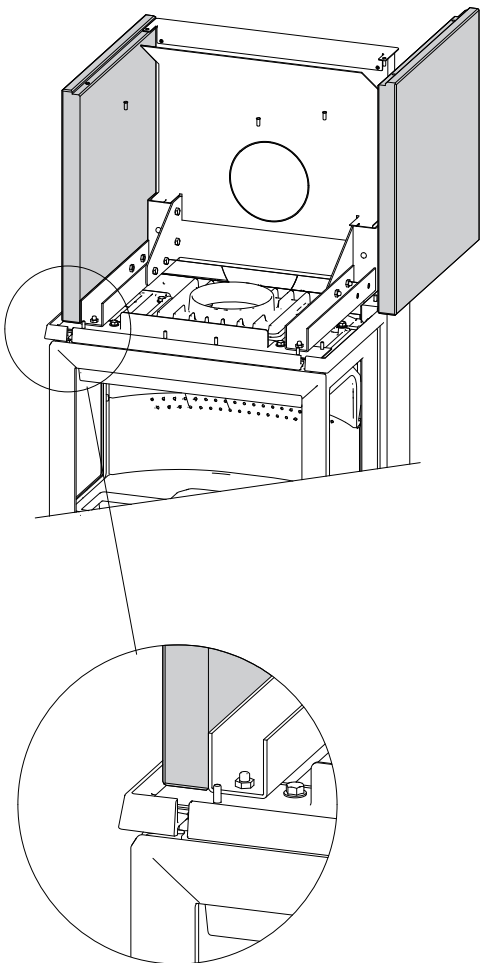
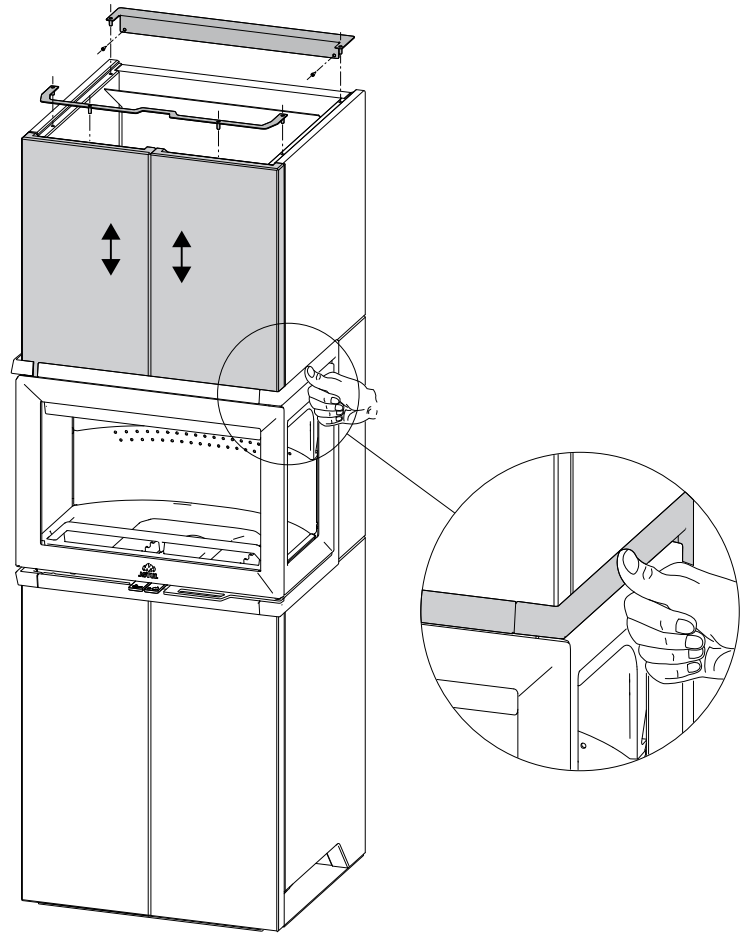
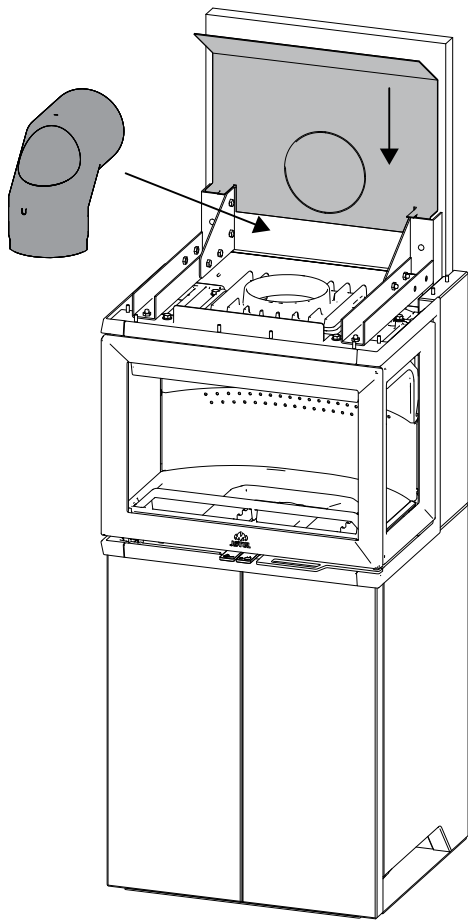


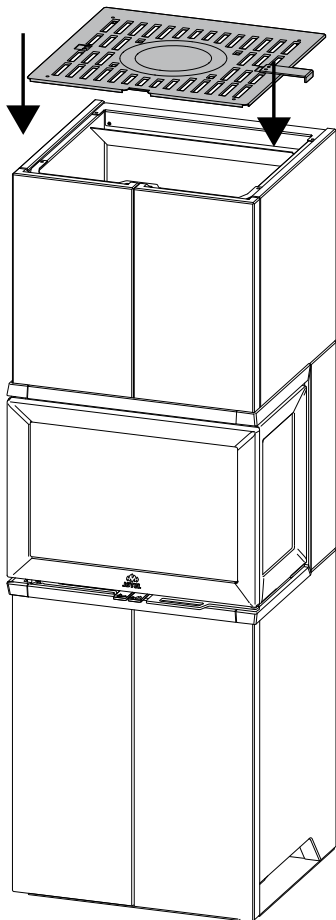
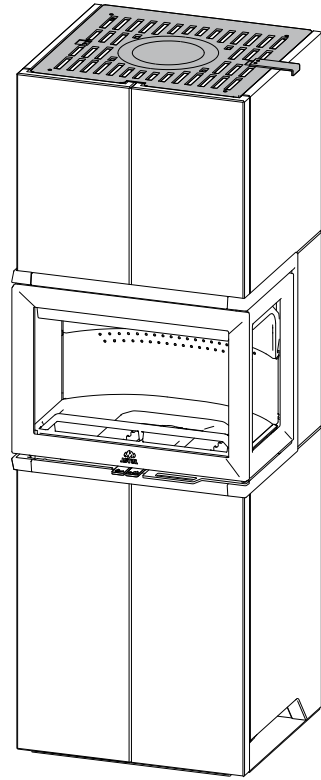
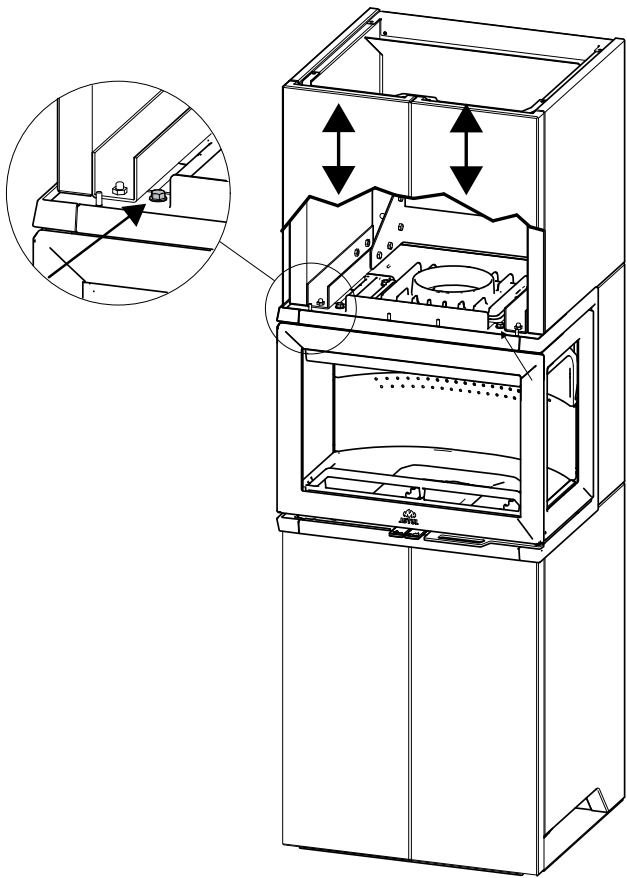












Sluttkontroll av ildsteder

Quality control of stoves and fireplaces

Checked

Utført	Kontrollpunkt	Controlled item
✓	Alle deler er med i produktet (ifølge struktur).	All parts are included.
✓	Alle festemidler er av korrekt type, og er korrekt anvendt.	Correct fastener items have been used and correctly applied.
✓	Overflater er i samsvar med Jøtuls kvalitetsstandarder.	Surfaces comply with Jøtul workmanship standards.
✓	Lukkemekanismer fungerer som de skal, og uten behov for unødig stor kraft.	Door locking mechanisms function correctly; excessive force is not needed.
✓	Produktet/serien møter kravet for lekkasjetest.	The product/lot complies with the leakage test requirement.
✓	Lakkerte/emaljerte overflater møter kravene i Jøtuls kvalitetsstandarder.	Paint/enamel surface finish complies with Jøtul workmanship standards.
✓	Produktet er fritt for utvendig kitt- eller limklin.	Surfaces are not contaminated by external stove cement or glue.
✓	Produktet har ingen sprekker i glass, støpejern eller andre deler.	There are no cracks in glass, cast iron or other parts.
✓	Pakninger er riktig lagt, og skjemmer ikke produktet ved stygge ender eller ved at pakningen er unødig synlig.	Gaskets are correctly applied and do not degrade product appearance (i.e. loose ends or excessive visible exposure).
✓	Dørpakninger er godt limt.	Door gaskets are firmly glued/ fixed to the door.
✓	Dørpakninger har tilfredsstillende pakningstrykk.	Door gaskets provide satisfactory sealing.
✓	Sjekk at det ikke "lyser gjennom" i dørpakning eller andre sammenføyninger.	Check for "light through" at door seals and other relevant locations.
✓	Trekkehendler osv fungerer normalt.	The function of air valve handle etc is normal.

Jøtul bekrefter herved at dette produktet er kontrollert og funnet å være i samsvar med våre kvalitetsnormer.	Jøtul hereby confirm that this product has been QC inspected and found to comply with our quality standards.
Lot. No. / Serie nr. - Checked by / kontrollert av	

Jøtul arbeider kontinuerlig for om mulig å forbedre sine produkter, og vi forbeholder oss retten til å endre spesifikasjoner, farger og utstyr uten nærmere kunngjøring.

Jøtul bemüht sich ständig um die Verbesserung seiner Produkte, deshalb können Spezifikationen, Farben und Zubehör von den Abbildungen und den Beschreibungen in der Broschüre abweichen.

Jøtul pursue a policy of constant product development. Products supplied may therefore differ in specification, colour and type of accessories from those illustrated and described in the brochure.

Jøtul s'attache à l'amélioration constante de ses produits. Ceux livrés peuvent présenter quelques différences d'aspect, de couleur et d'accessoires par rapport au présent document.

Kvalitet

Jøtul AS arbeider etter et kvalitetssikringssystem basert på NS-EN ISO 9001 for utvikling, produksjon og salg av ildsteder. Vår kvalitetspolitikk skal gi kundene den trygghet og kvalitetsopplevelse som Jøtul har stått for siden bedriftens historie startet i 1853.

Qualität

Jøtul AS hat ein Qualitätssicherungssystem, das sich bei Entwicklung, Produktion und Verkauf von Öfen und Kaminen nach NS-EN ISO 9001 richtet. Diese Qualitätspolitik vermittelt unseren Kunden ein Gefühl von Sicherheit und Qualität, für das Jøtul mit seiner langjährigen Erfahrung seit der Firmengründung im Jahre 1853 steht.

Quality

Jøtul AS has a quality system that conforms to NS-EN ISO 9001 for product development, manufacturing, and distribution of stoves and fireplaces. This policy gives our customers quality and safety piece of mind as a result of Jøtul's vast experience dating back to when the company first started in 1853.

Qualité

Jøtul AS applique une procédure de contrôle de qualité conforme à la norme NS-EN ISO 9001 pour le développement, la fabrication et la distribution de sa gamme de poêles, foyers et inserts. Cette démarche assure à nos clients une tranquillité d'esprit sur la qualité et la sécurité, due à une expérience remontant à la création de la société en 1853.

Jøtul AS,
P.o. box 1411
N-1602 Fredrikstad,
Norway

www.jotul.com

